



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Thursday, April 27, 2017

Issued: 0800 CT

Day One Weather Impacts: Critical fire weather conditions over NM & W TX.

A few strong storms possible over the Panhandles and N-Cntrl OK.

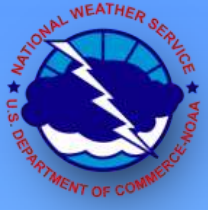
National Weather Service

***Southern Region Headquarters
Regional Operations Center
Fort Worth, TX***



**Prepared by: Jennifer McNatt
817-978-1100 x 147**

Key Points



Today

- Critical fire weather conditions over NM & W TX
- A few strong storms possible over the Panhandles and N-Central OK later today; damaging winds are the main threats

Friday - Saturday

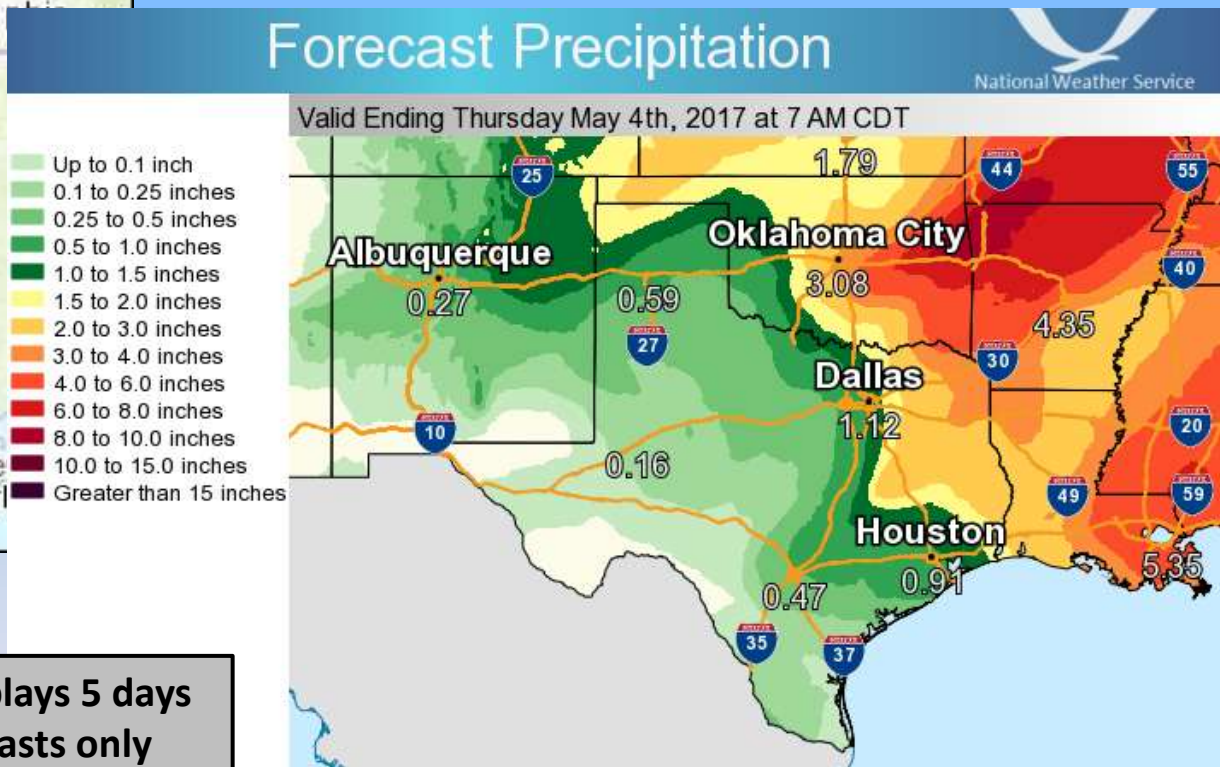
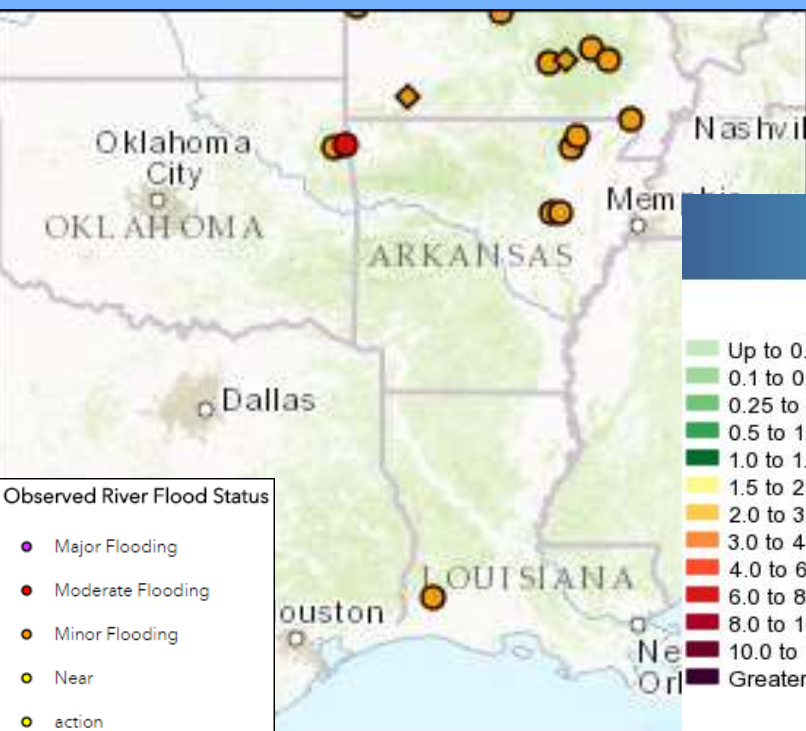
- Another round of thunderstorms with very heavy rainfall expected Friday into Saturday over E OK into AR and possibly down into the ArkLaTex
- There is an Enhanced Risk of severe storms on Friday from extreme N-Central TX through NE OK into N AR
- The Enhanced Risk of severe storms continues Saturday over E TX into Central AR

Sunday - Monday

- Some lingering storms/heavy rainfall over extreme eastern portions of the Region on Sunday
- No significant weather expected on Monday

5-Day Precipitation Forecast & River Flood Status

Isolated minor flooding continues in AR. With 6-8 inches of rain possible in E OK through W & N AR Friday/Saturday, could see rivers rise into moderate to major flood stage this weekend.



Note: Even though this image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days worth of rainfall.

For the latest on river flooding: <http://water.weather.gov/ahps>

*FEMA Region 6 Threat Matrix

Apr 27, 2017 - May 1, 2017

	THU	FRI	SAT	SUN	MON
Severe Weather	Panhandles, N-Central OK	OK into N AR N-Cntrl TX, OK, Cntrl AR	E TX into SW AR Cntrl TX, SE OK, AR, NW LA	E AR, E LA	
Heavy Rain / Flash Flooding		NE OK, N AR (late)	AR, E OK, NW LA, NE TX	SE LA	
Fire Weather	NM, W TX				
River Flooding	AR	AR	E OK, N & W AR	AR	AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

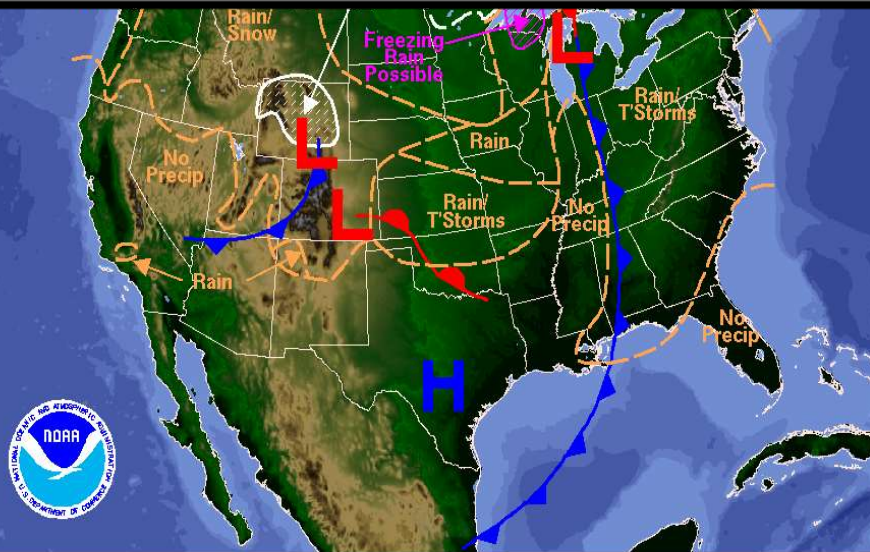
For more details on the colors in the threat matrix refer to the last slide in this briefing.



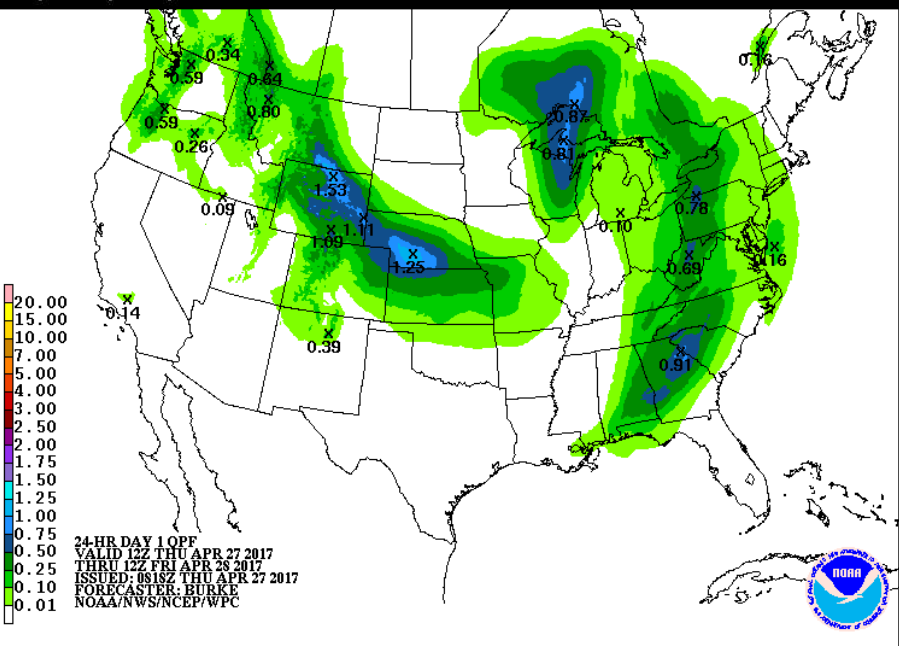
Today's Weather

Critical fire weather conditions over NM & W TX.

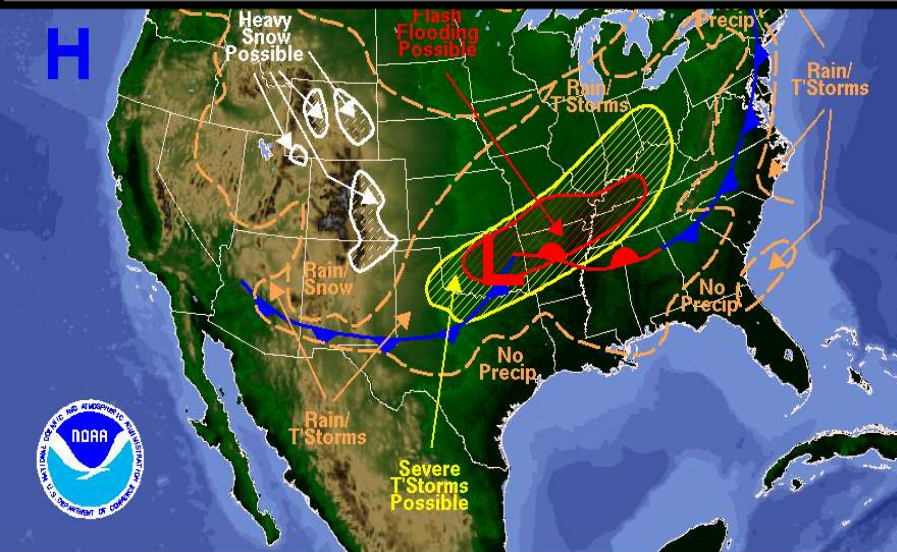
A few strong storms possible over the Panhandles and N-Central OK.



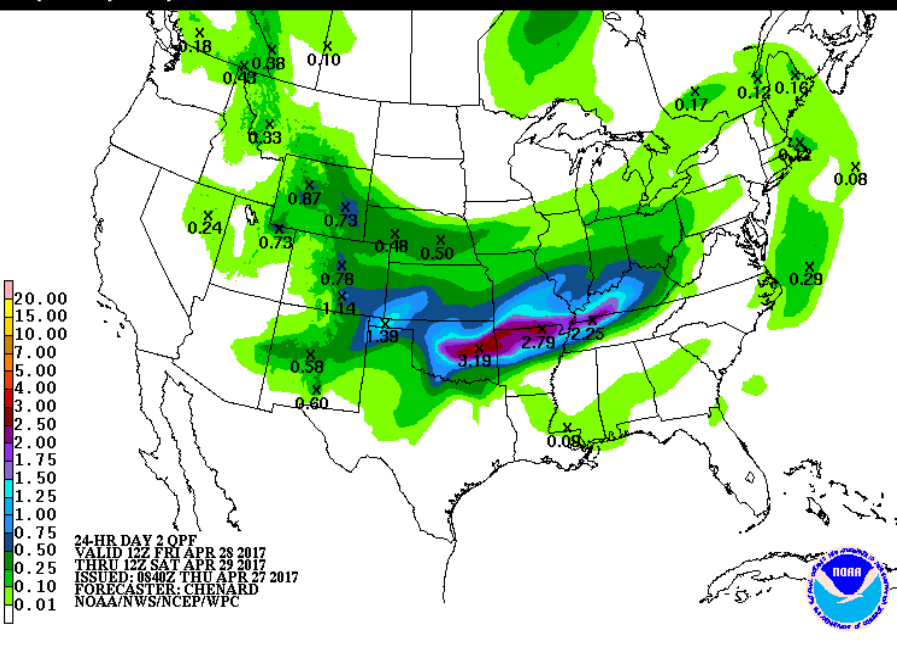
Weather Forecast for Thu, Apr 27, 2017, issued 4:42 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts



Tomorrow's Weather



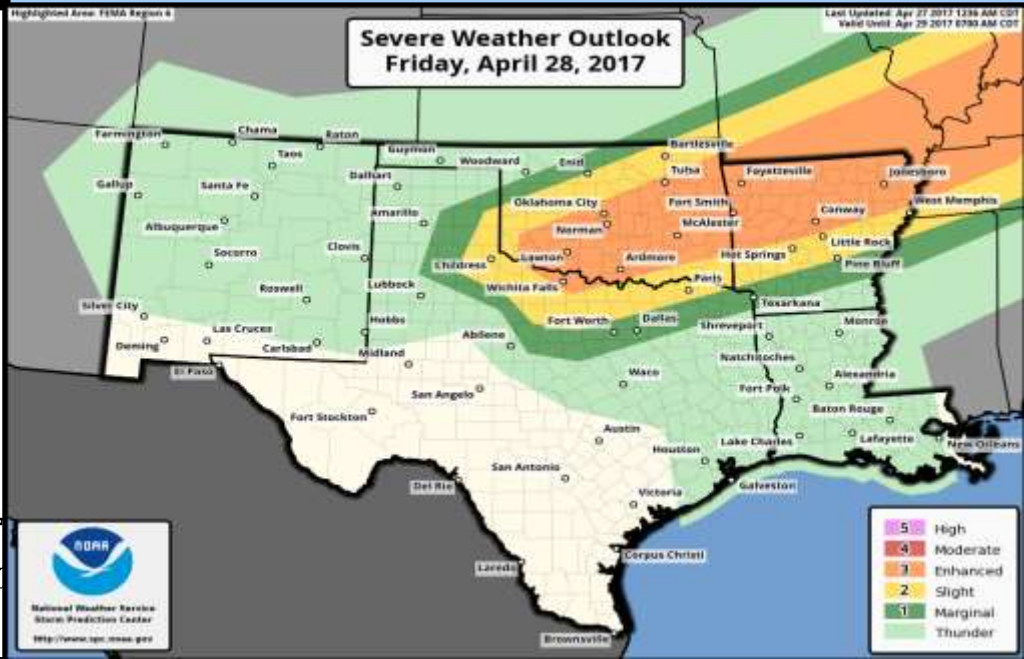
Weather Forecast for Fri, Apr 28, 2017, issued 4:59 AM EDT Thu, Apr 27, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts



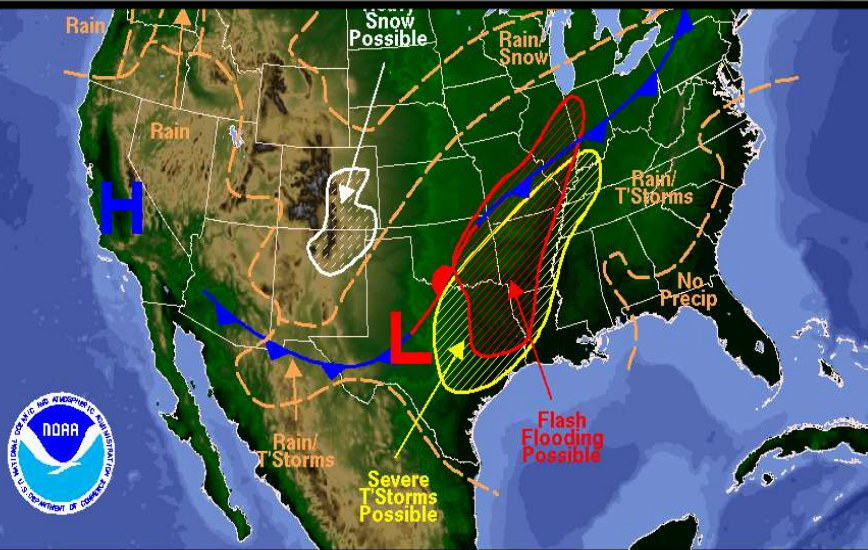
Enhanced risk of severe storms from extreme N-Central TX through NE OK and N AR; damaging winds, large hail and tornadoes all possible.

Slight risk of severe storms extends into N-Central TX into much of OK and Central AR.

Another round of heavy rainfall/flooding possible from E OK into N AR Friday night into Saturday.



Saturday's Weather

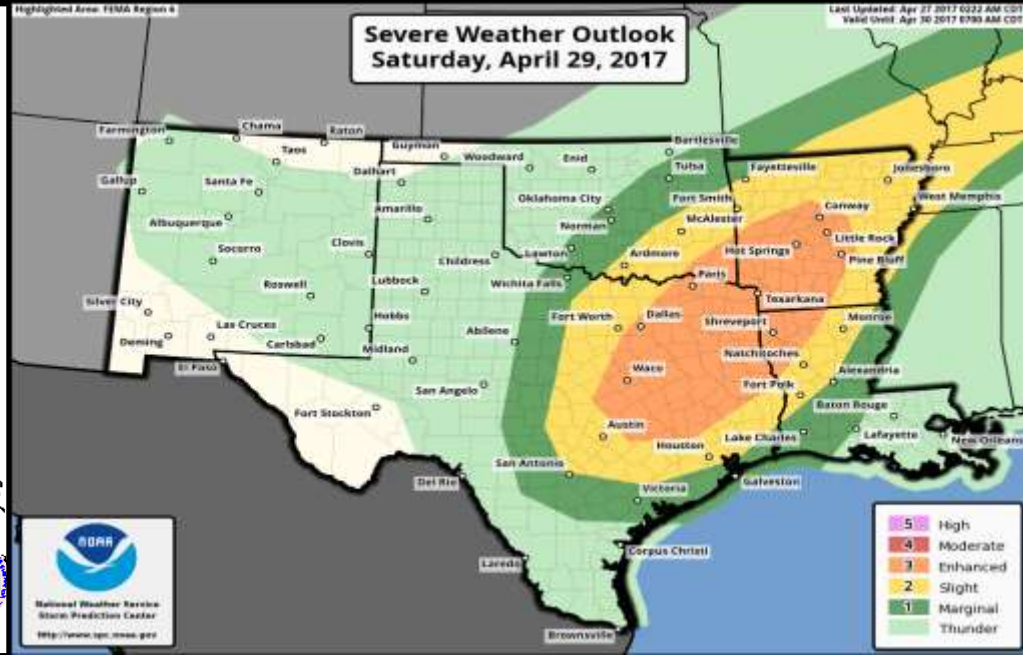
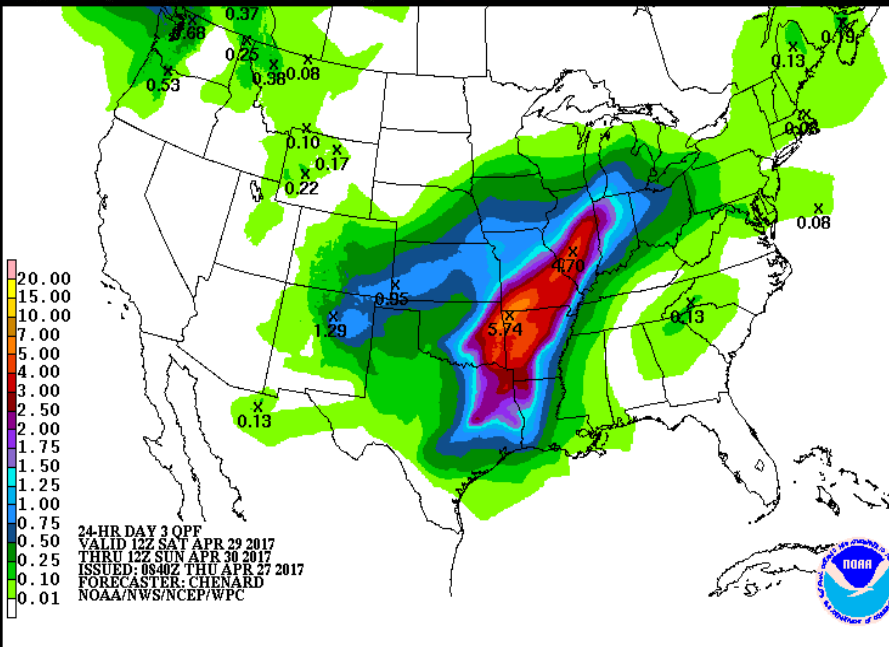


Heavy rain leading to flash flooding and river flooding will be possible over much of E OK, NW into Central AR and possibly into NE TX & NW LA.

Enhanced risk of severe storms over E TX into SW AR; large hail and damaging winds are the primary threats, with a few tornadoes possible.

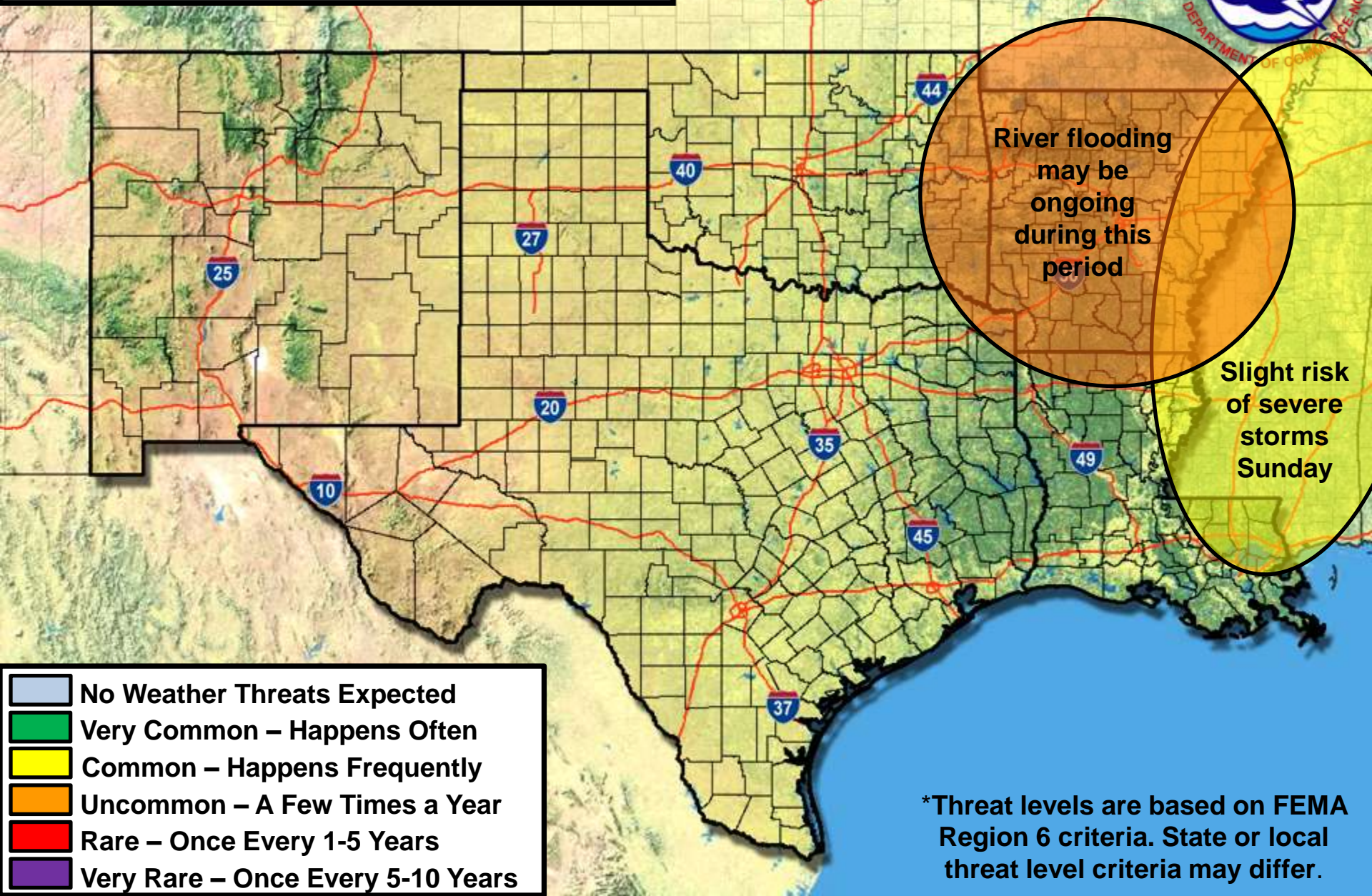
Slight risk of severe storms extends into central Texas, central LA, AR and SE OK.

Weather Forecast for Sat, Apr 29, 2017, issued 5:15 AM EDT Thu, Apr 27, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts



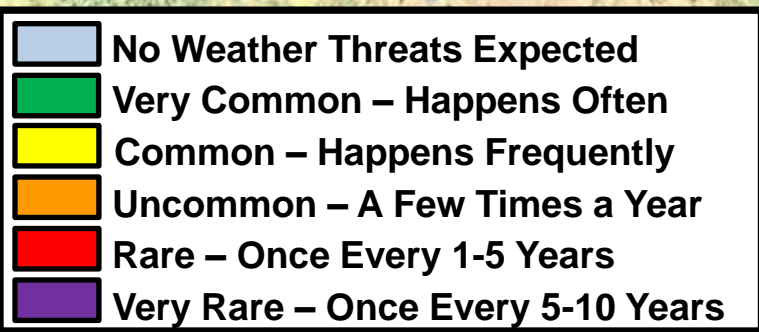
Day 4-5 Weather Hazards

Valid: 0800 Sun - 0800 Tue



River flooding
may be
ongoing
during this
period

Slight risk
of severe
storms
Sunday

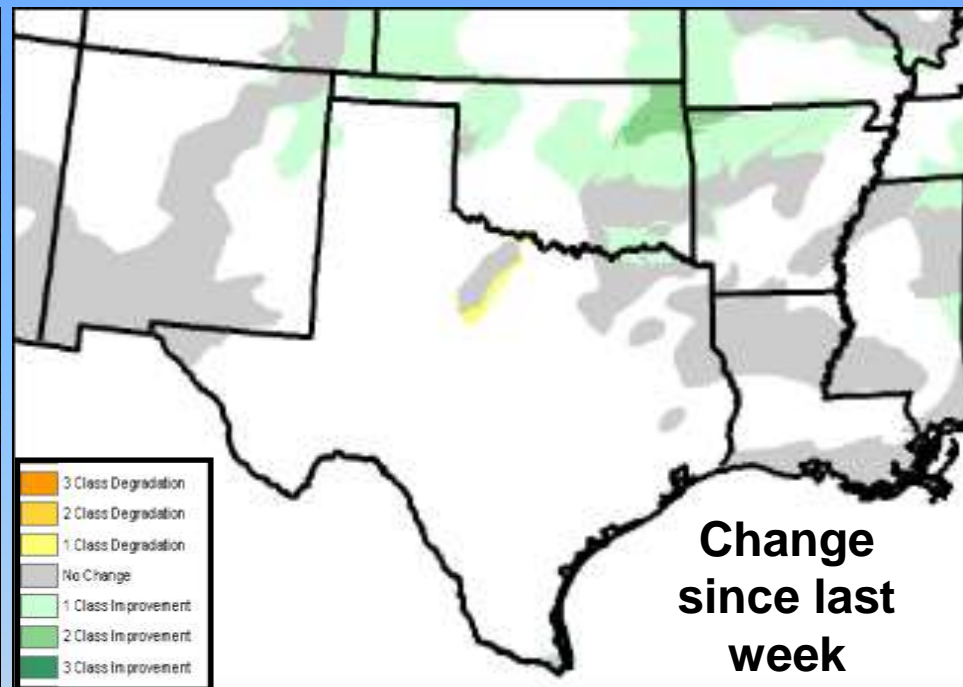
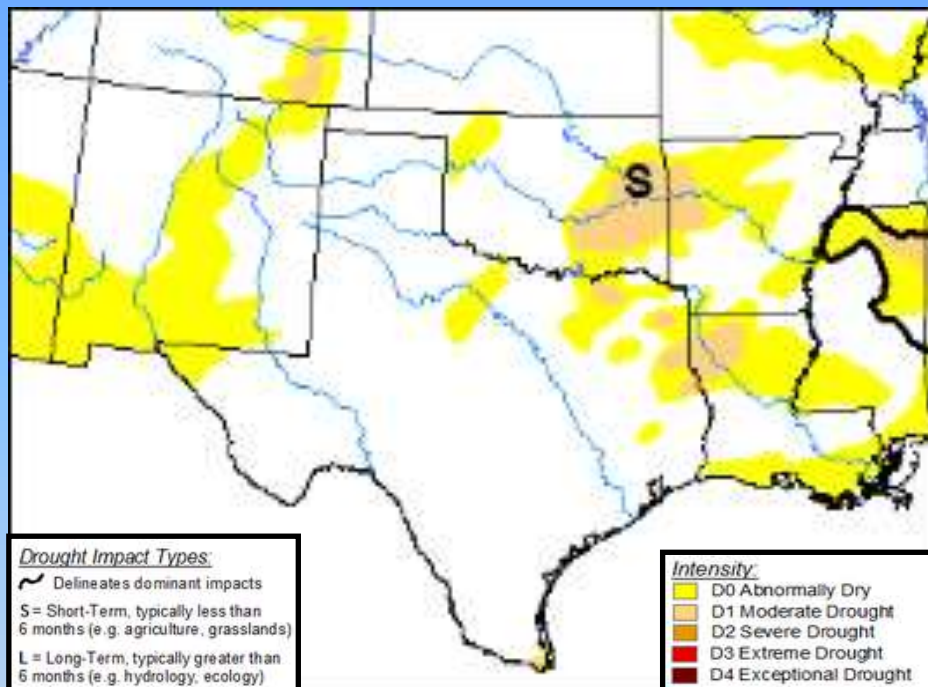


*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



Drought Monitor Released April 27th, 2017

Data valid as of 7am CST, Tuesday, April 25th, 2017



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	3.90%	0.00%
Arkansas	0.00%	0.00%	2.02%	0.00%
Texas	0.00%	0.00%	0.01%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

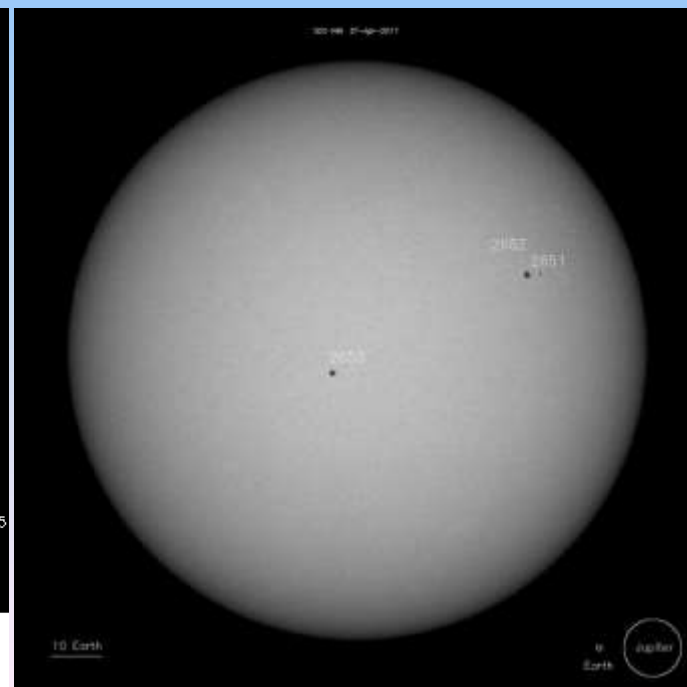
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Thursday	Friday	Saturday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Normal X-ray Background
Product Valid At : 2017-04-27 10:20 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

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<https://www.facebook.com/NWSSouthern>

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@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms